caſion before related; not to mention what it muſt have loſt by mere Wear in fourſcore Years.

We are told, that they have in the Hoſpitals of *Paris* human *Calculi* weighing 34 *Paris* Ounces: But this in *Trinity* Library, even at preſent, weighs 34 *Paris* Ounces all but 9 Grains; and muſt have weigh'd conſiderably more when it was whole. Yet theſe are perhaps the heavieſt that are any-where recorded; except that very extraordinary one mention'd by Dr *Liſter*, in his *Journey to* Paris, *p.* 232; which he ſays was taken from a Monk *A. D.* 1690. and weighs 51 Ounces.

This Hiſtory may confirm to us the Uſefulneſs of endeavouring to relieve the Violence of Pain in this Diſtemper, by altering the Poſition of the Stone in the Bladder, either with the Help of the *Catheter*, or by ſome proper Alteration in the Poſture of the Patient; ſince, with reſpect to the Pain which it occaſions, the Situation of the Stone appears to be of far greater Conſequence than its Size.

XIV. *A Letter from the Rev.* Charles Lyttelton *LL. D. and F. R. S. Dean of* Exeter *to the* Preſident, *concerning a non-deſcript* petrified Inſect.

Read Dec. 20, 1750.

THE curious Foſſil I have now the Honour to exhibit to the *Society*, is as rare as its Figure is elegant; having been mention'd by none of our own Writers who treat on Foſſils,

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Foſſils, and but very imperfectly deſcrib'd by foreign Lithographiſts *.

I diſcover'd a ſingle Specimen of it (*ſee* TAB. I. *Fig.* 3, 4, and 5.) laſt Year in the Limeſtone Pits at *Dudley* in *Worceſterſhire*; and very lately a large Maſs of Limeſtone (*ſee* TAB. II.) full of them in the ſame Place; both which are now ſubmitted to the Inſpection of this Learned Body, who are beſt able to determine to what Claſs of the Animal Kingdom it properly belongs. I am, Sir, with great Regard,

Hill-ſtreet, Dec. 20. 1750. *Your moſt obedient Servant,*

C. Lyttelton.

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* I ſuppoſe the *Dean* means Dr. *Bruckmann*, and the late Mr. *Linck*, an eminent Apothecary at *Lipſick*: For Dr. *Bruckmann*, in his *Centuria Epiſt. Itinerar. Wolffenbuttl.* 1742. 4°, Epiſt. XXIII. has given ſeveral Figures of Petrefactions, very much reſembling theſe *Dudley* Foſſils; the firſt was found at *Steme*, a Village in the Neighbourhood of *Paderborn*, given him by Dr. *Kœnig*, which he took for a ſort of *Polypus marinus*; he ſays it is an Animal unknown to him, but he gives thoſe Figures of it, in hopes that ſome curious Perſons, who live near the Sea, may light upon ſome Animal reſembling this. The Body of this Stone, he ſays, has, on each Side three ſtriated Lobes, and three pointed *Appendices* beneath; its inner Subſtance is white, being *Selenites*, or white Spar; Its Colour on the Outſide is every-where brown. His Friend *Linck* had ſent him Specimens of theſe Stones 6 Years before, ſome modell'd in Wax, others engraved upon Copper.

C. M.

ADDENDA

ADDENDA *to the preceding Paper.*

Extract of a Letter from the Rev. Dr. Lyttelton *to* C. Mortimer, *Secret. R. S.*

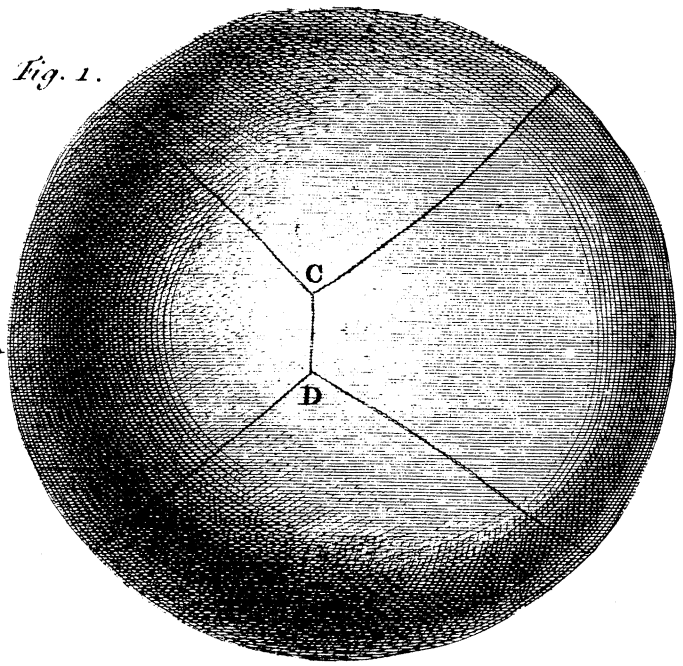
THE Rev. Dr. *Shaw*, of *Oxford*, has procured a Specimen of the extended *Eruca*. As the Foſſiliſts differ'd in their Opinion of this *Dudley* Foſſil, ſome pronouncing it an *Eruca*, others a *Bivalve*, I thought it beſt to leave the Reader to judge for himſelf from the Engravings; but, as we are now able to add a Specimen of this Foſſil in an extended Poſture, there is a better Pretence to call it an *Eruca*. See TAB. I. *Fig.* 6. 7. and 8.

XV. *Some further Account of the before-mention'd* Dudley Foſſil, *by the* Editor *of theſe* Tranſactions.

THE Rev. Dr. *Pocock*, F. R. S. was ſo obliging as to ſend ſeveral Specimens of this Foſſil to the *Preſident*; who put them into my Hands, and deſired me to draw up an Account of them to be annexed to the preceding Paper.

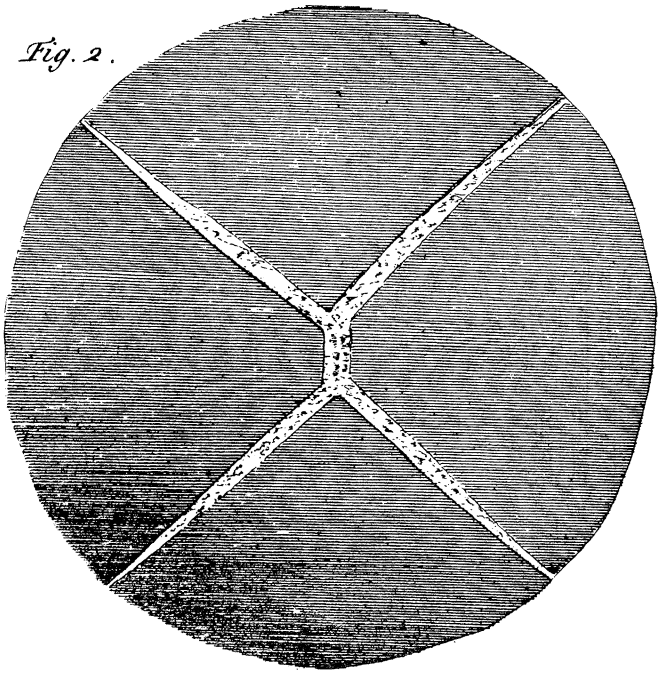
The firſt Specimen is a Maſs of Stone containing the Face and Eyes, with ſome Rudiments of Legs on the Sides; but the Back is intirely broken away. Another Specimen contains the Head only: A third, the Head, and Part of the Back, but greatly diſtorted. But the moſt beautiful and complete are the two which

Fig. 1.



p. 535.

Fig. 2.



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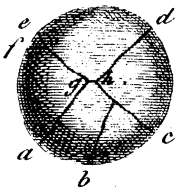
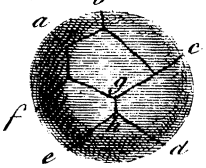


p. 603.

Fig. 14.



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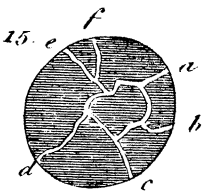

p. 604.

Fig. 16.

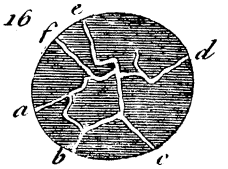

Fig. 3.

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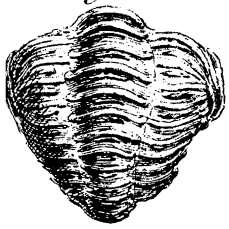
Fig.

p. 599.

Fig. 4.



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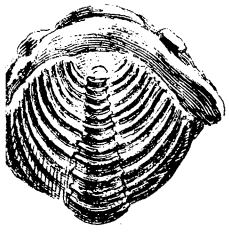

p. 599.

Fig. 6.

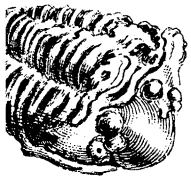

Fig. 7.

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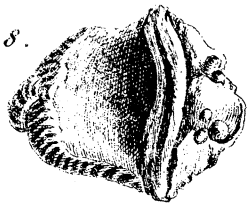
Fig. 8.



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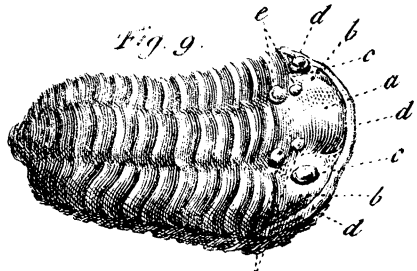

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Fig. 10.

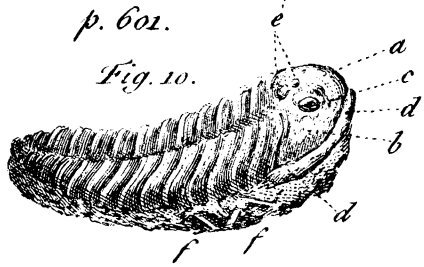

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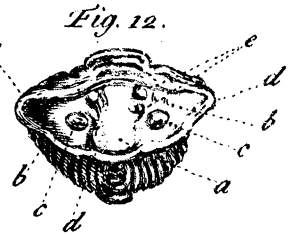
Fig. 11.

Fig. 12.



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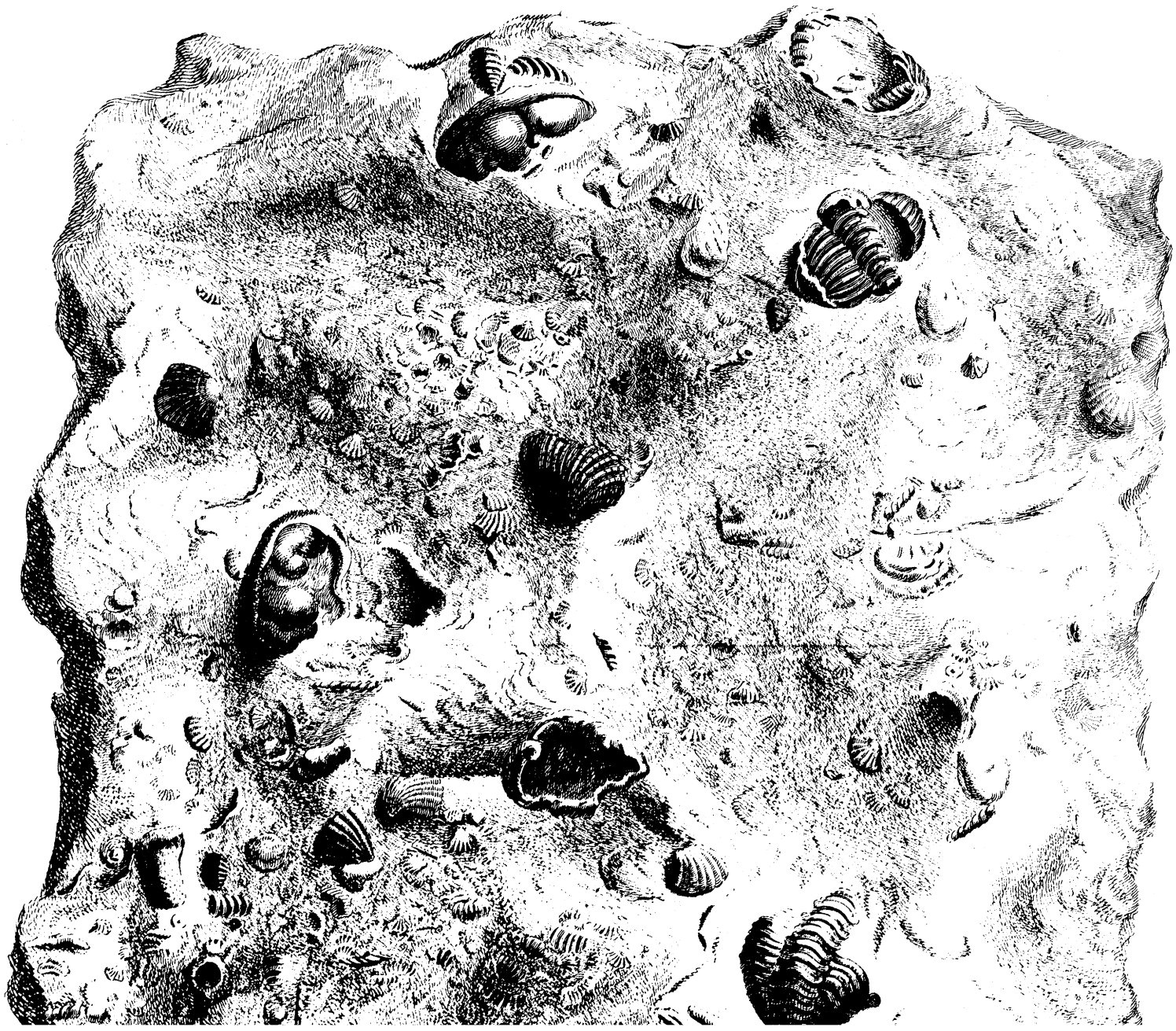

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Sculp. Oxon

Fig. 1.

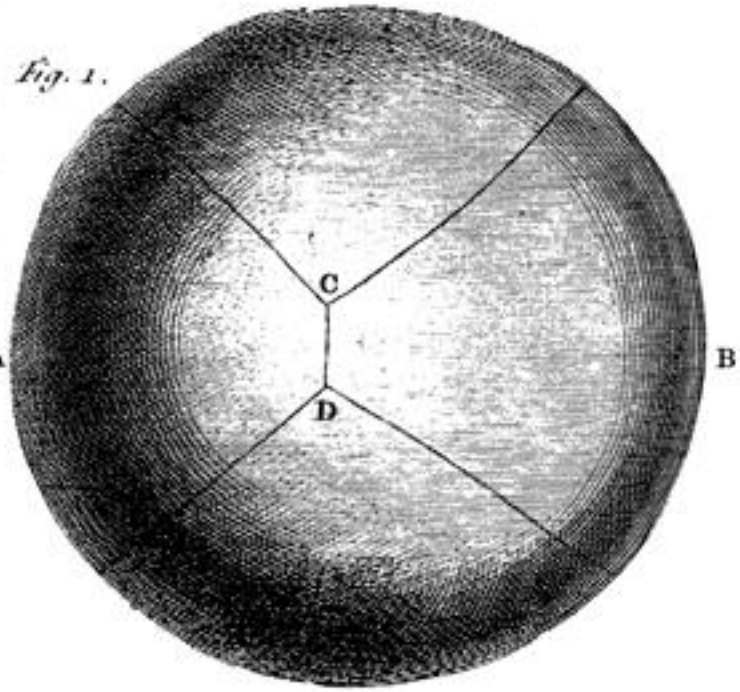

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Fig. 2.

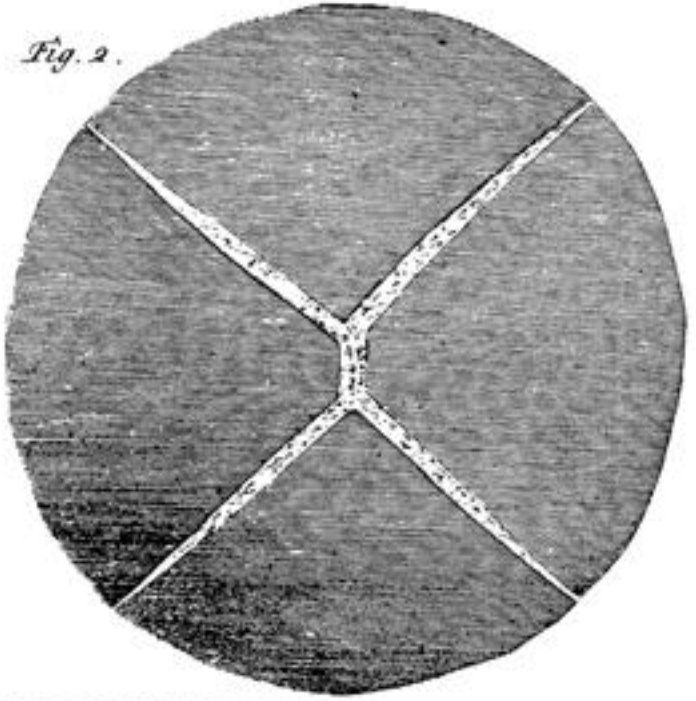

Fig. 13.

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Fig. 7.

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Fig. 8.

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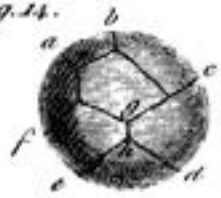

Fig. 4.

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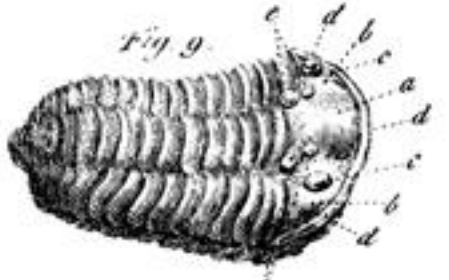

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Fig. 15.

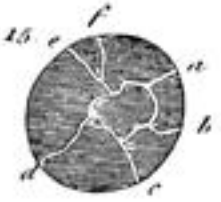

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Fig. 5.

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Fig. 10.

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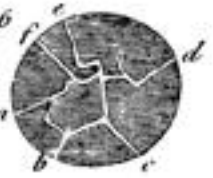
Fig. 16.



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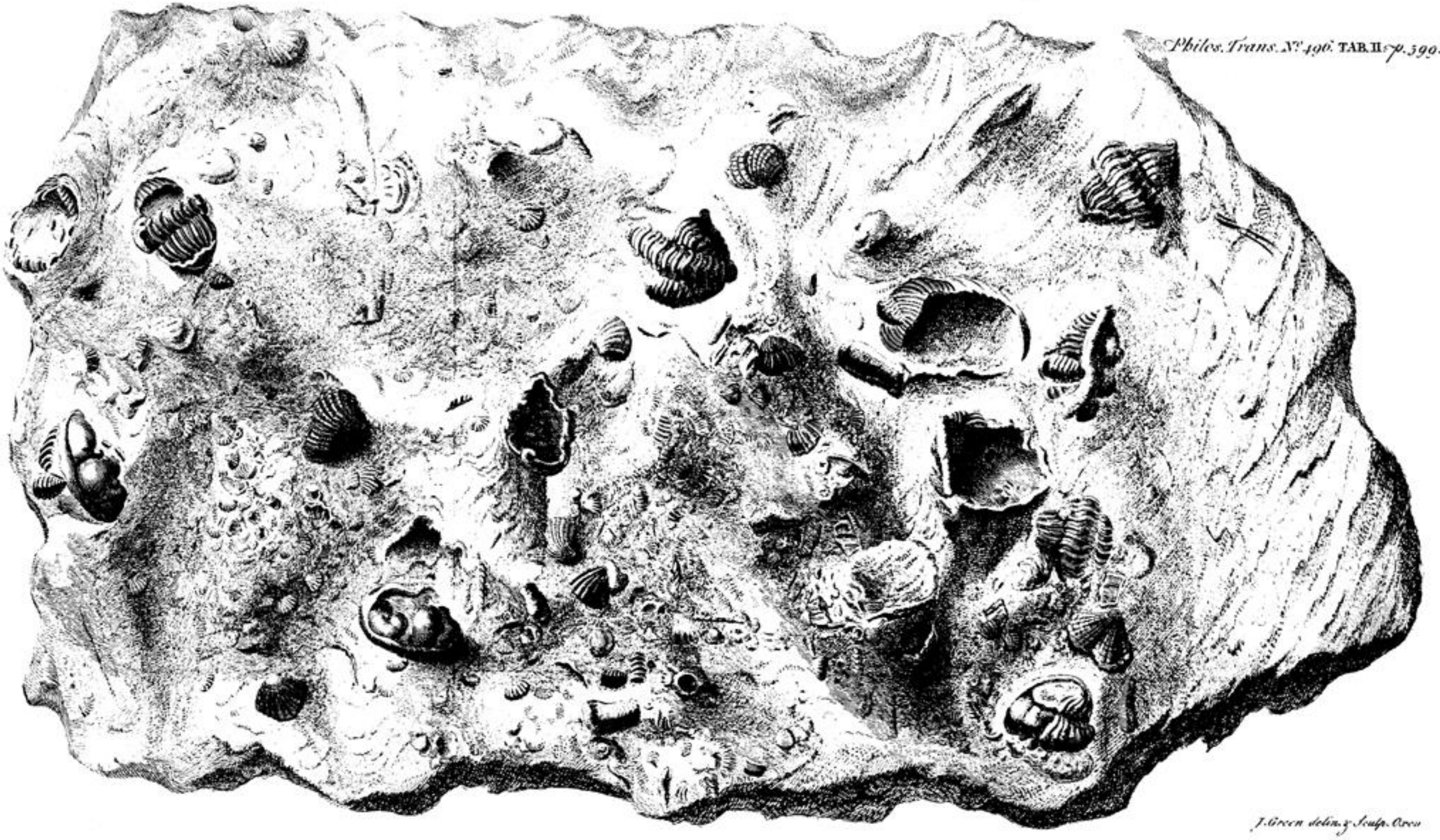

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